

A.G. CONTRACT NO. 86-170

Project: F-045-1(5)
Section: Knox Rd. - Baseline Rd.
Unit I

INTERGOVERNMENTAL AGREEMENT

BETWEEN
THE STATE OF ARIZONA
AND
THE CITY OF CHANDLER

NO. <u>10993</u>
FILED WITH SECRETARY OF STATE
Date Filed <u>3-25-86</u>
<i>[Signature]</i> Secretary of State

THIS AGREEMENT entered into this 14TH day of MARCH, 1986,
between the STATE OF ARIZONA, acting by and through its DEPARTMENT OF
TRANSPORTATION, hereinafter called "State", and the City of Chandler, acting
by and through its City Council, hereinafter called "City".

WHEREAS, State is empowered by Section 28-108 Arizona Revised Statutes to
enter into this agreement and has, by resolution, a copy of which is
attached hereto and made a part hereof, resolved to enter into this
Agreement and the Director of the Arizona Department of Transportation has
delegated to the undersigned the authority to execute same on behalf of
State; and

WHEREAS, City is empowered by Sections 11-951 through 11-954, Arizona
Revised Statutes, and by Article I. Section 1.03, of the Charter for the
City of Chandler, to enter into this agreement and acting by and through its
City Council, has, by resolution, a copy of which is attached hereto and
made a part hereof, resolved to enter into this agreement and has authorized

the undersigned to execute same on behalf of City; and

WHEREAS, it is desired by City, and is acceptable to State, to increase the esthetic appearance of that portion of State Route 87 situated between Knox Road and Elliot Road in the City of Chandler; and

WHEREAS, the desired improvement may be accomplished by the installation of decorative pavement in the highway median; and

WHEREAS, the cost of installing said decorative pavement in the section of highway situated between Knox Road and Elliot Road will be \$193,545 including State's engineering and construction administration costs.

NOW, THEREFORE, the parties hereto agree as follows:

STATE SHALL:

1. During construction of the Arizona Avenue improvement project on that portion of S.R. 87 situated between Knox Road and Elliot Road, prepare the median and install therein decorative pavement in accordance with Arizona Department of Transportation plans for Project F-045-1(4).

2. Within ten (10) days following start of construction on said decorative paving, submit to City a bill for 50% of the cost of said median paving, which said total cost includes 15% for State's engineering and construction administration expenses.

3. Upon completion of said paving job, submit to City a bill for the balance due for said decorative paving.

CITY SHALL:

1. Upon receiving the aforesaid bills from State, pay same within thirty (30) days.
2. Upon completion of said paving project and acceptance of same from State, maintain said median and provide any required future maintenance and repairs.

The parties hereto further agree that:

To the extent permitted by law, State and City agree to defend, indemnify and hold harmless each other and their agents, officials, employees and subsidiaries, from and against any and all claims, actions, demands, liability, damage, cost and expense of whatsoever character, whether direct or indirect, or consequential, including loss or damage to property of either party hereto or of their persons and for the injury or death to any or all persons caused by or attributable to the negligence or fault of the State or City, their employees or agents. As to any liability claims, the parties agree that they will share in any settlement or judgment in the amount proportionate to the degree of negligence or fault of the respective parties as adjudicated by a court of competent jurisdiction.

THIS AGREEMENT shall remain in full force and effect until completion of said project as aforesaid, except as to those provisions pertaining to maintenance which shall be in perpetuity; provided, however, that prior to start of construction, this agreement may be cancelled by either party upon 30 days' written notice to the other party.

All parties hereto acknowledge that this agreement is subject to cancellation by the Governor pursuant to the provisions of Section 38-511, Arizona Revised Statutes.

In the event of any controversy which may arise out of this agreement, the parties hereto agree to abide by required arbitration as is set forth for public works contracts in Section 12-1518 (B) and (C) of Arizona Revised Statutes as amended.

This agreement shall become effective on the date of filing same with the Secretary of State.

Attached hereto and incorporated herein by reference is a copy of State's resolution authorizing entry into this agreement, a copy of City's resolution passed by its City Council, a copy of the written determination of the appropriate attorney that City is authorized under the laws of this State to enter into this agreement, and that said agreement is in proper form, and a copy of the Attorney General's Intergovernmental Agreement Determination.

IN WITNESS WHEREOF, the parties have executed this agreement the day and year first above written.

CITY OF CHANDLER, a municipal corporation

By: 

MAYOR

ATTEST:


City Clerk

2/14/86

cc 2/13/86

STATE OF ARIZONA
ARIZONA DEPARTMENT OF TRANSPORTATION

By: 

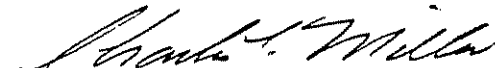
W. O. Ford
State Engineer

PROJECT: F-045-1(5)
SECTION: KNOX ROAD - BASELINE ROAD
UNIT I

RESOLUTION

BE IT RESOLVED on this 23RD day of DECEMBER, 1985, that I, CHARLES L. MILLER, as Director, ARIZONA DEPARTMENT OF TRANSPORTATION, have determined that it is in the best interests of the State of Arizona that the DEPARTMENT OF TRANSPORTATION, acting by and through the Highways Division, to enter into an Intergovernmental Agreement with the City of Chandler for the purpose of installing Bomacon paving in the 12 foot median section of State Route 87 situated between Knox Road and Elliot Road.

THEREFORE, authorization is hereby given to draft said Agreement which, upon completion, shall be submitted for approval and execution by the State Engineer.



CHARLES L. MILLER, Director
Arizona Department of
Transportation

JDC:ks

RESOLUTION NO. 1415

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CHANDLER AUTHORIZING EXECUTION OF AN AGREEMENT WITH ARIZONA DEPARTMENT OF TRANSPORTATION FOR INSTALLATION OF DECORATIVE MEDIAN IN ARIZONA AVENUE.

WHEREAS, it is desired by the City of Chandler, hereinafter called CITY, and is acceptable to the Arizona Department of Transportation, hereinafter called STATE, to increase the esthetic appearance of that portion of State Route 87 known as Arizona Avenue situated between Knox Road and Elliot Road in the City of Chandler; and

WHEREAS, the desired improvement may be accomplished by the installation of decorative pavement in the highway median; and

WHEREAS, the cost of installing said decorative pavement in the section of highway situated between Knox Road and Elliot Road will be \$193,545 including STATE'S engineering and construction administration costs;

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Chandler, Arizona, as follows:

1. That the terms of the Intergovernmental Agreement Between the State of Arizona and the City of Chandler for Project F-045-1(5) are hereby approved; and
2. That the Mayor is hereby authorized to execute said Agreement.

PASSED AND APPROVED by the City Council of the City of Chandler, Arizona, this 13th day of February, 1986.

ATTEST:

Carolyn Duen
DEPUTY CITY CLERK

[Signature]
MAYOR

C E R T I F I C A T I O N

I HEREBY CERTIFY that the above and foregoing Resolution No. 1415 was duly approved, passed and adopted by the City Council of the City of Chandler, Arizona, at a regular meeting held on the 13th day of February, 1986, and that a quorum was present thereat.

Carolyn Duen
DEPUTY CITY CLERK

APPROVED AS TO FORM:

Clifford J. Frey
CITY ATTORNEY

INTERGOVERNMENTAL AGREEMENT

DETERMINATION

The Intergovernmental Agreement between the City of Chandler and the State of Arizona for installation of decorative paving in the highway median of State Highway 87 between Knox Road and Elliot Road in the City of Chandler, has been reviewed pursuant to A.R.S. Sections 11-951 through 11-954 and Article I, Section 1.03 of the Charter for the City of Chandler by the undersigned City Attorney who has determined that it is in the proper form and is within the powers and authority granted to the City of Chandler and its agencies under applicable laws of the State of Arizona.

Dated this 4th day of February, 1986.

Clifford J. Frey
CITY ATTORNEY



Attorney General

1275 WEST WASHINGTON

Phoenix, Arizona 85007

Robert K. Corbin

INTERGOVERNMENTAL AGREEMENT

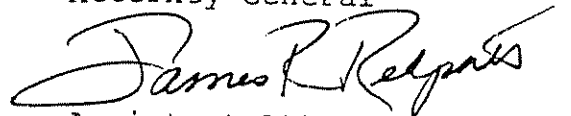
DETERMINATION

A. G. Contract No. 86-170, which is an agreement between public agencies, has been reviewed pursuant to A.R.S. § 11-952, as amended, by the undersigned Assistant Attorney General who has determined that it is in the proper form and is within the powers and authority granted to the State of Arizona.

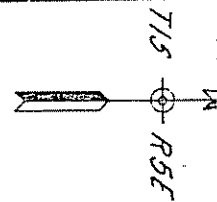
No opinion is expressed as to the authority of the remaining parties, other than the State or its agencies, to enter into said agreement.

DATED this 19th day of March, 1986.

ROBERT K. CORBIN
Attorney General


Assistant Attorney General
Transportation Division

JCT. I-10 - MESA HWY.
KNOX RD - BASELINE RD. UNIT I
MARICOPA COUNTY

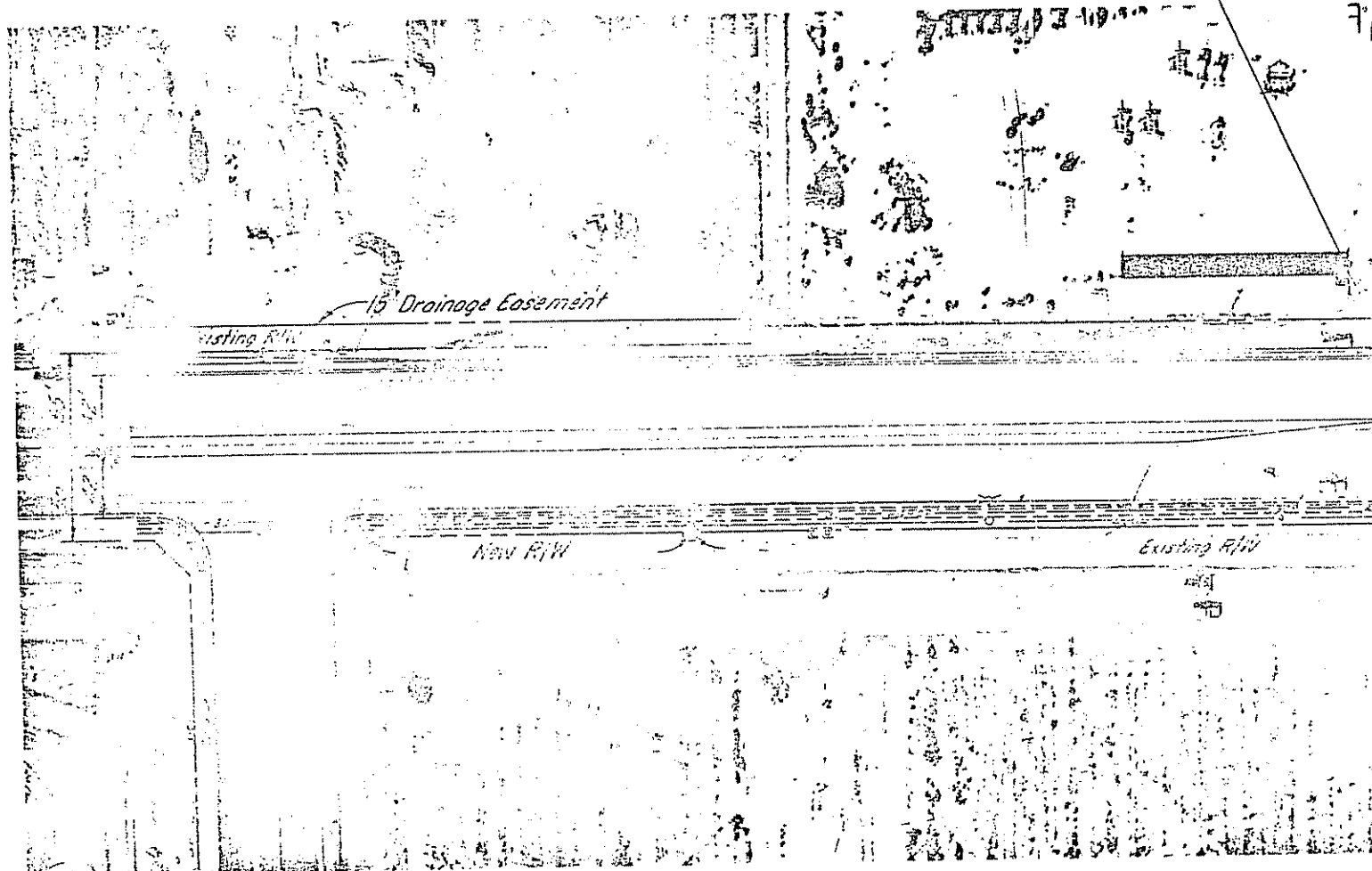


CAUTION: 45' LT
Existing Buried
Telephone Cable

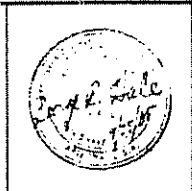
58' LT 5 to 14.4
New 12" x 60"
See New Pipe
For Turnout
See Detail

135

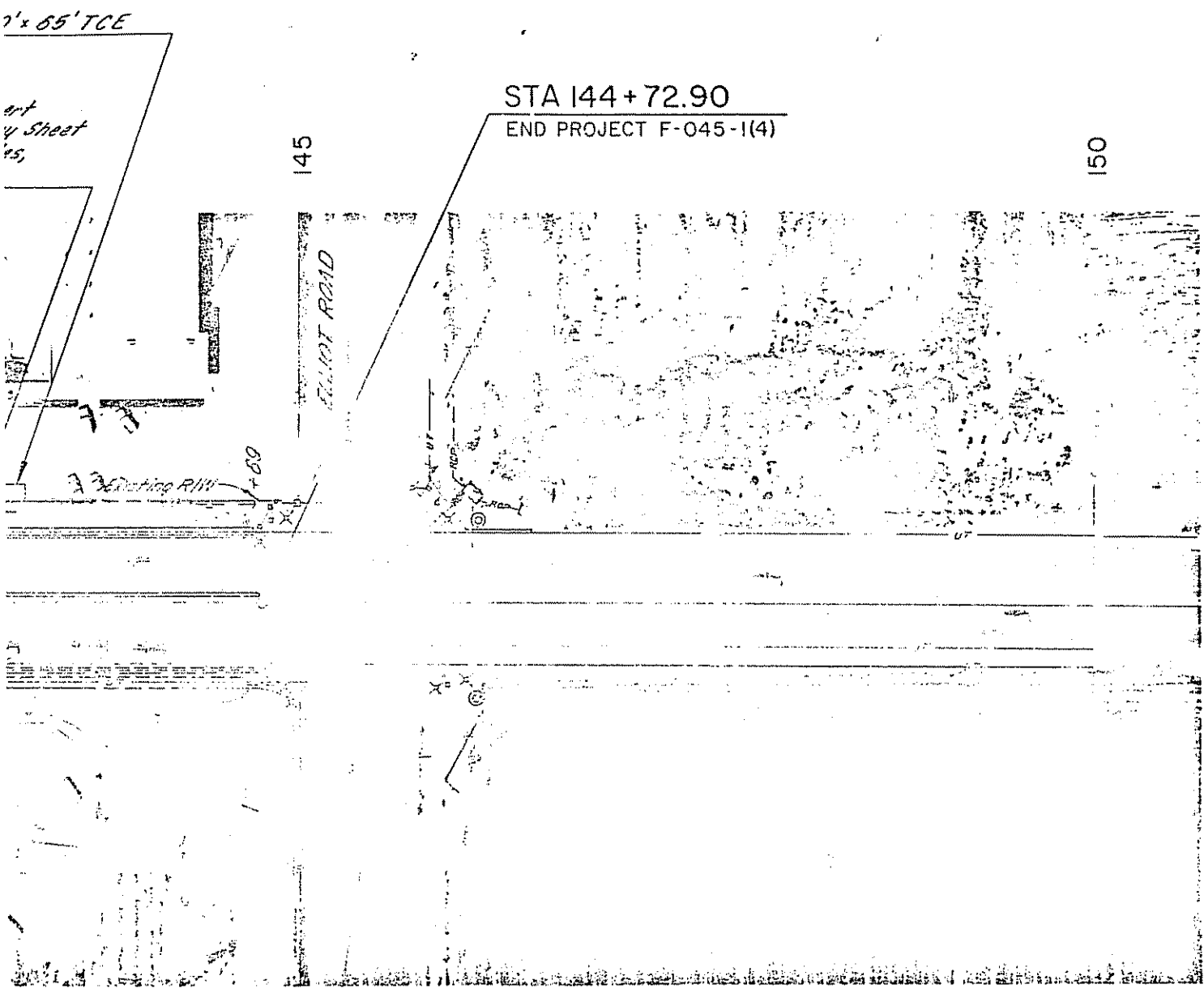
140



Z



F-W-A REGION	STATE	PROJECT NO	SHEET NO	TOTAL SHEETS	AS BUILT
9	ARIZ	F 045-1(4)	19	35	

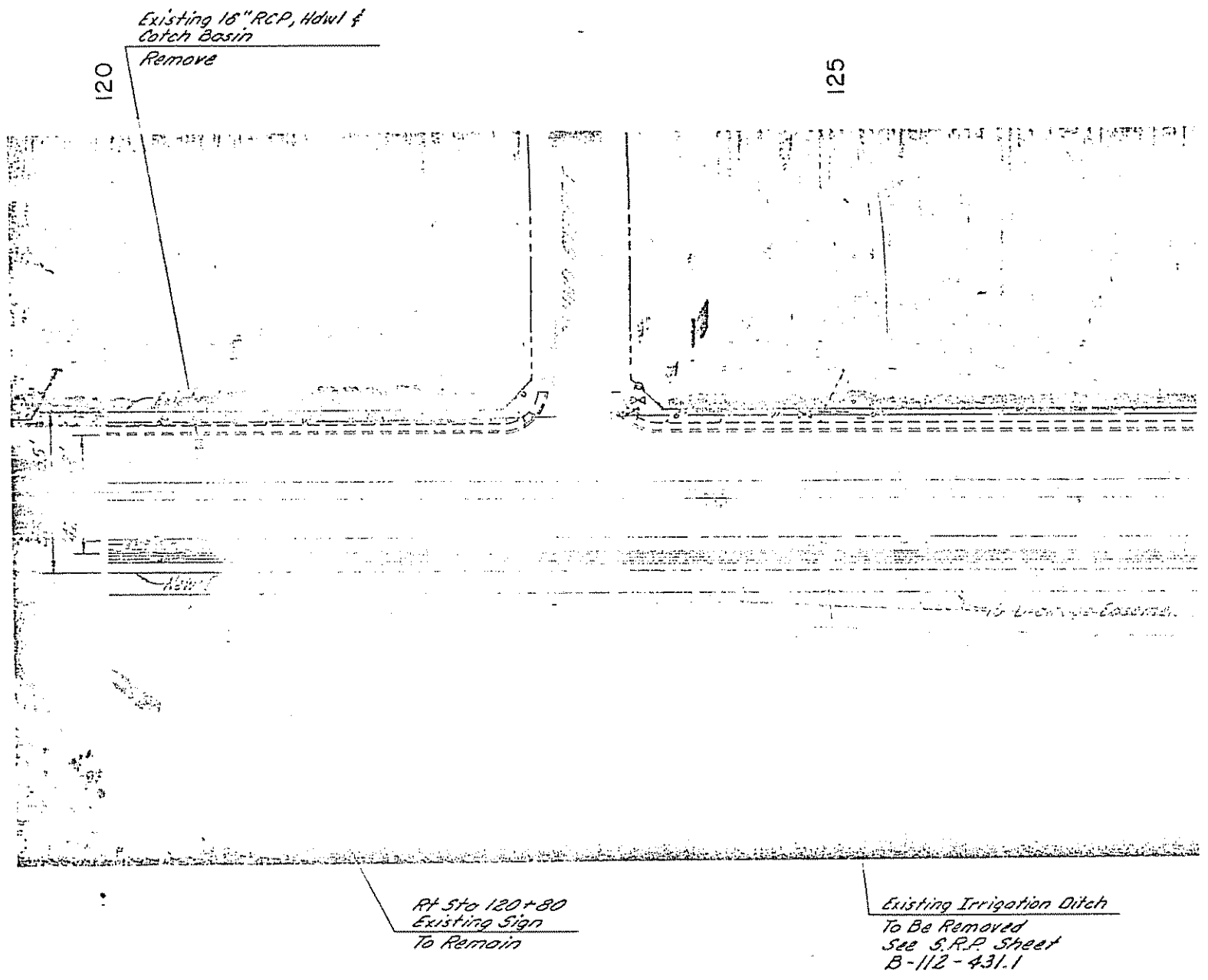


Survey & Construction & POT Sta 145+62.59
Angle Pt End 3" Brass Cap in H. H.
 $\Delta = 0^{\circ}06'17''$ Rt
To Remain

- 953 Sq Yd New 8" Dec. Conc Median Paving.
- 2 Each Inlet, See Detail A
- 4645 Sq Ft New 5" Conc Sidewalk, Std. C-05.20
- 200 Sq Ft New 6" Conc Driveway, Std. C-05.20
- 969 Lin Ft New Type A Curb & Gutter
H=7", Std C-05.10
- 121 Sq Yd New AC Driveway

JCT. I-10 - MESA HWY.
KNOX RD - BASELINE RD. UNIT I
MARICOPA COUNTY

715 - R55E

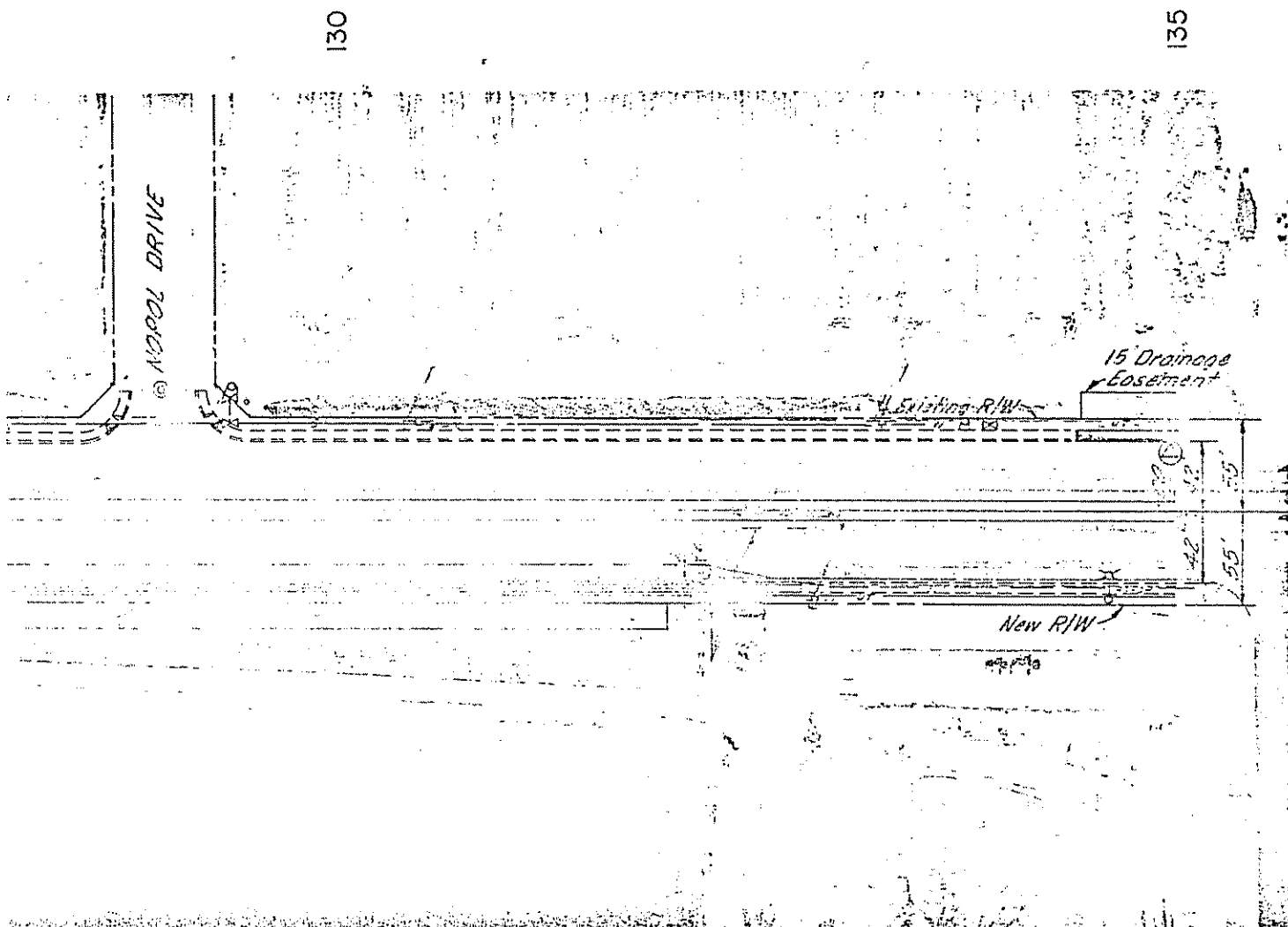


TO ACCOMPANY ADDENDUM No.1

-Z



F-W-A REGION	STATE	PROJECT NO	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ	F045-1(4)	17	35	



2000	Sq Yd. New 8" Dec Conc. Median Paving.
5	Each Inlet, See Detail A
6360	Sq Ft New 5' Conc Sidewalk, Std. C-05.20
100	Sq Ft New 6" Conc Driveway, Std. C-05.20
1292	Lin Ft New Type II Curb & Gutter H=7", Std C-05.10
49	Sq Yd New AC Driveway

JCT. I-10 - MESA HWY.
KNOX RD. - BASELINE RD. UNIT I
MARICOPA COUNTY



105

110

MP 109

Existing Right

15' Dr. Easement

New 5' Sidewalk

TO ACCOMPANY ADDENDUM No. 1

-Z

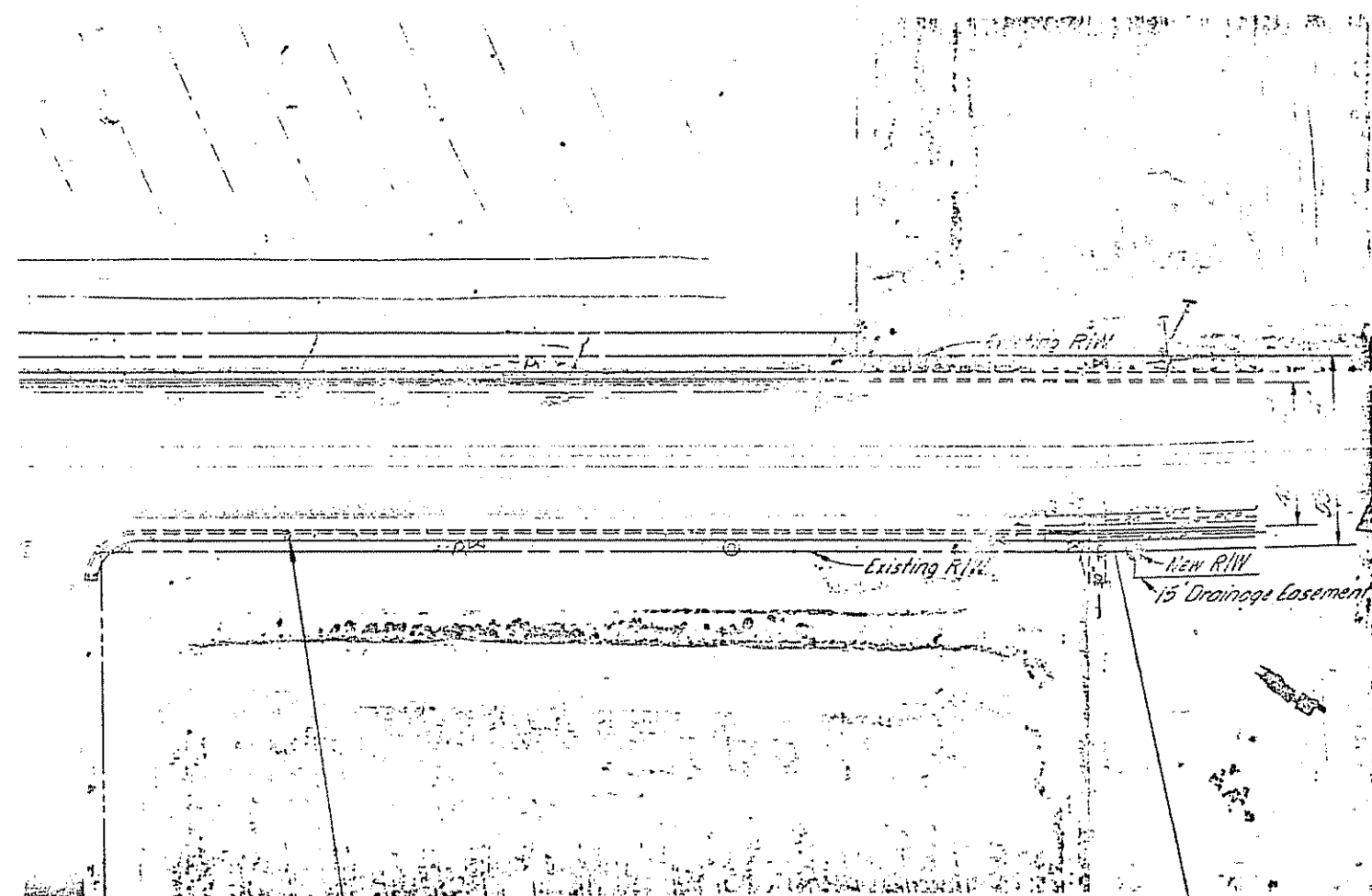


F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ	F045-1(4)	15	35	

Concrete Lined
Drainage Ditch

115

120



New 5' Sidewalk

Survey & Construction & POT Sta 119+08.88
Angle Pt End 1" Iron Pin in Concrete
 $\Delta = 0^{\circ}11'39''$ Lt

New Survey Monument, Frame and Cover
See Std C-21.10

- 2000 Sq. Yd. New 8" Dec Conc Median Paving.
- 3 Each Inlet, See Detail A
- 2 Each New Wheelchair Ramps, See Detail B
- 13310 Sq Ft New 5' Conc Sidewalk, Std. C-05.20
- 600 Sq Ft New 6" Conc Driveway, Std. C-05.20
- 164.3 Lin Ft New Type A' Curb & Gutter
H=7", Std. C-05.10
- 16 Sq Yd New AC Driveway

7 F-045-1(4) 15 of 35

JCT. I-10 - MESA HWY.
KNOX RD. - BASELINE RD. UNIT I
MARICOPA COUNTY

End 8" Decorative Conc. Median Paving.
Sta 91+95.0

Begin 8" Decorative Conc. Median Paving.
Sta 93+15.0

Existing Concrete Lines
Irrigation Ditches
To Be Removed
See S.R.F. Sheet
A-104-155



End Sidewalk at Sta 0+61.5

Survey & Construction E POT Sta 92+54.58
Angle Pt End 3/8" Iron Pin in H.H.
 $\Delta = 0^{\circ}21'59''$ RT
New Survey Monument, Frame & Cover
See Std C-21.10

Warner Road
New Pavement Widening Lt & Rt
Match Existing Pavement at Sta 2+25

W.
H.

TO ACCOMPANY ADDENDUM No.1



FHWA REGION	STATE	PROJECT NO	SHEET NO	TOTAL SHEETS	AS BUILT
9	ARIZ	F045-1(4)	13	35	

Lt Sta 98+00
Existing Well

100

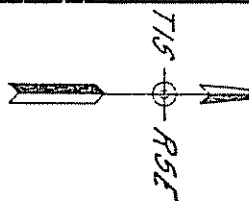
105

Existing RW

ure Gas Line

- 1269 Sq Yd New 8" Dec. Conc. Median Paving.
 5 Each Inlet, See Detail A
 3 Each New Wheelchair Ramps, See Detail B
 10061 Sq Ft New 5" Conc Sidewalk, Std. C-05.20
 1400 Sq Ft New 6" Conc Driveway, Std. C-05.20
 2410 Lin Ft New Type A Curb & Gutter
 4=7", Std. C-05.10
 196 Sq Yd New AC Driveway

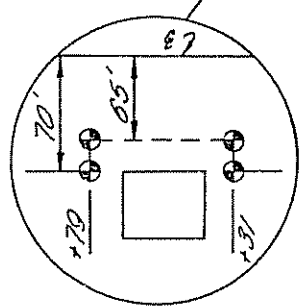
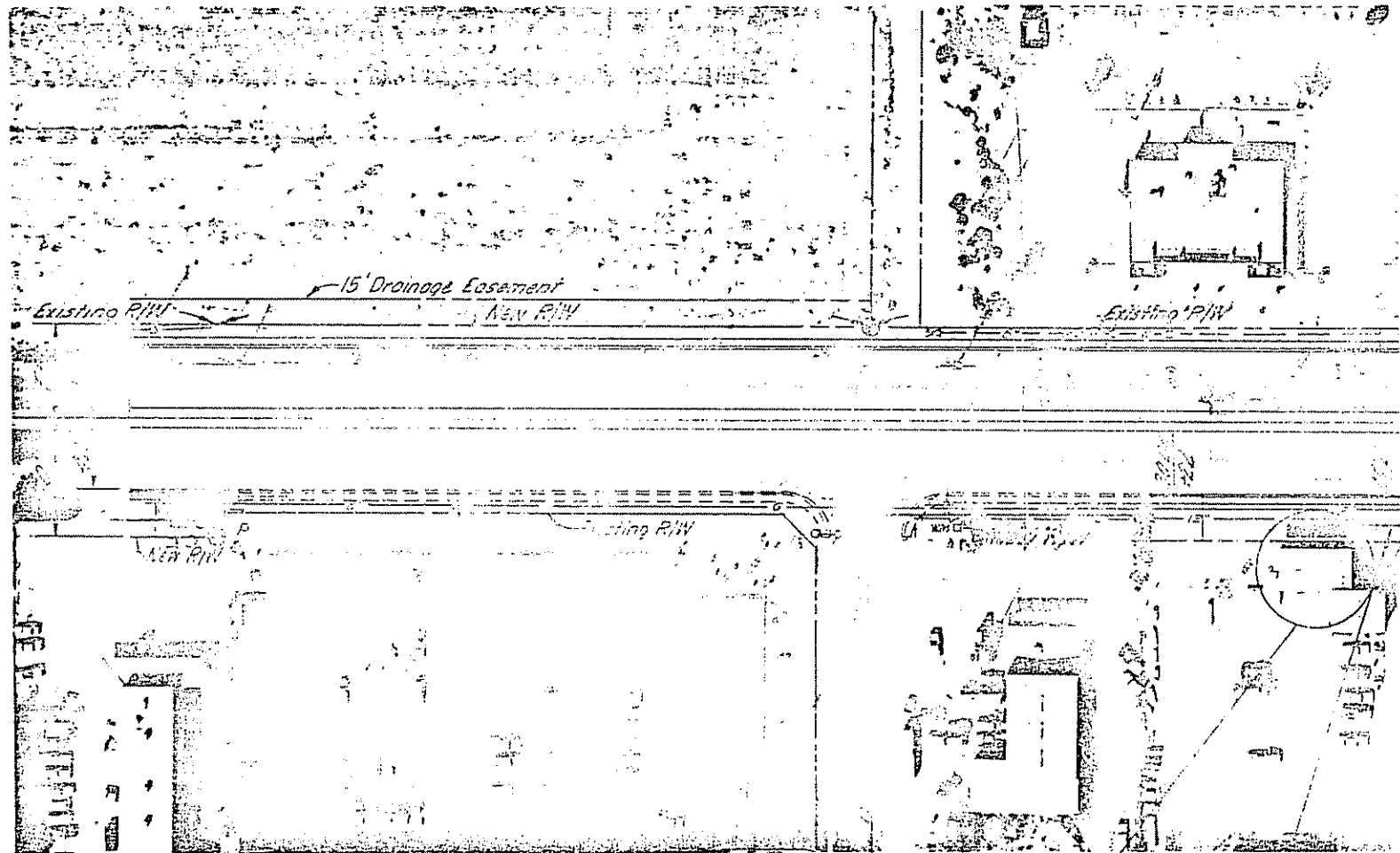
JCT. I-10 - MESA HWY.
 < NOX RD - BASELINE RD. UNIT I
 MARICOPA COUNTY



75

80

New 10' x 55'



60' Rt 510 82+
 New 12" x 40'
 See New Pipe
 For Turnout Pro
 See Sheet 10

ACCOMPANY ADDENDUM No. 1



F.H.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ	F045-1(4)	11	35	

Lt Sta 89+50
Existing Curb, Gutter & Sidewalk

Remove & Replace using
Inlet & Apron
See Detail A

New 16 Lin Ft Sow Cut

60' Lt Sta 84+82
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

60' Lt Sta 83+13
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

Lt Sta 86+60
Existing Curb, Gutter & Sidewalk

Remove & Replace using
Inlet & Apron
See Detail A

New 16 Lin Ft Sow Cut

Existing R/W

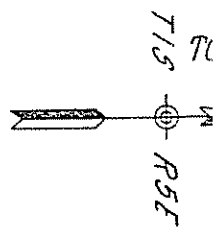
WARNING
High Pressure Gas Line

60' Rt Sta 83+83
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profile,
See Detail C

Culvert
Summary Sheet

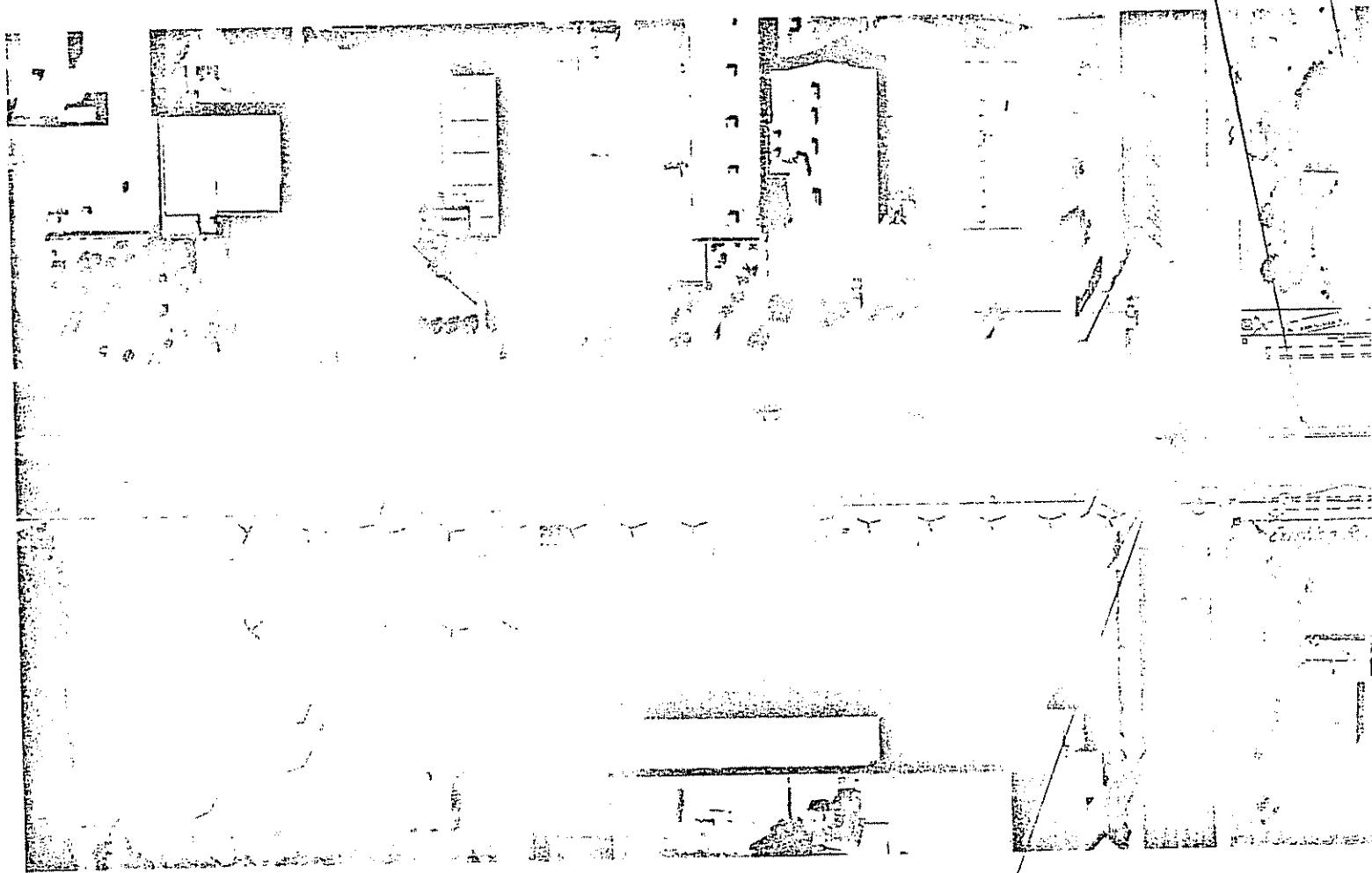
1883	Sq Yd New 8" Dec. Conc. Median Paving.
12	Each Inlet, See Detail A
9170	Sq Ft New 5' Conc. Sidewalk, Std. C-05.20
1680	Sq Ft New 6" Conc. Driveway, Std. C-05.20
2166	Lin Ft New Type 'A' Curb & Gutter H=7", Std. C-05.10
856	Sq Yd New AC Driveway

JCT. I-10-MESA HWY.
KNOX RD.-BASELINE RD. UNIT I
MARICOPA COUNTY



STA 67+00
BEGIN PROJECT F-045-1(4)
END PROJECT M-950-6-501

Lt. 5/2
Exist.
Remo
Inlet
New.



Survey & Construction @ PPT Sta 68+24.19
Angle Pt End 3" Alum Cap in H.H.
 $\Delta = 0^{\circ}01'39''$ Lt
To Remain

Decorative Conc. Median Paving
See Sheet 6 of 35 for Details



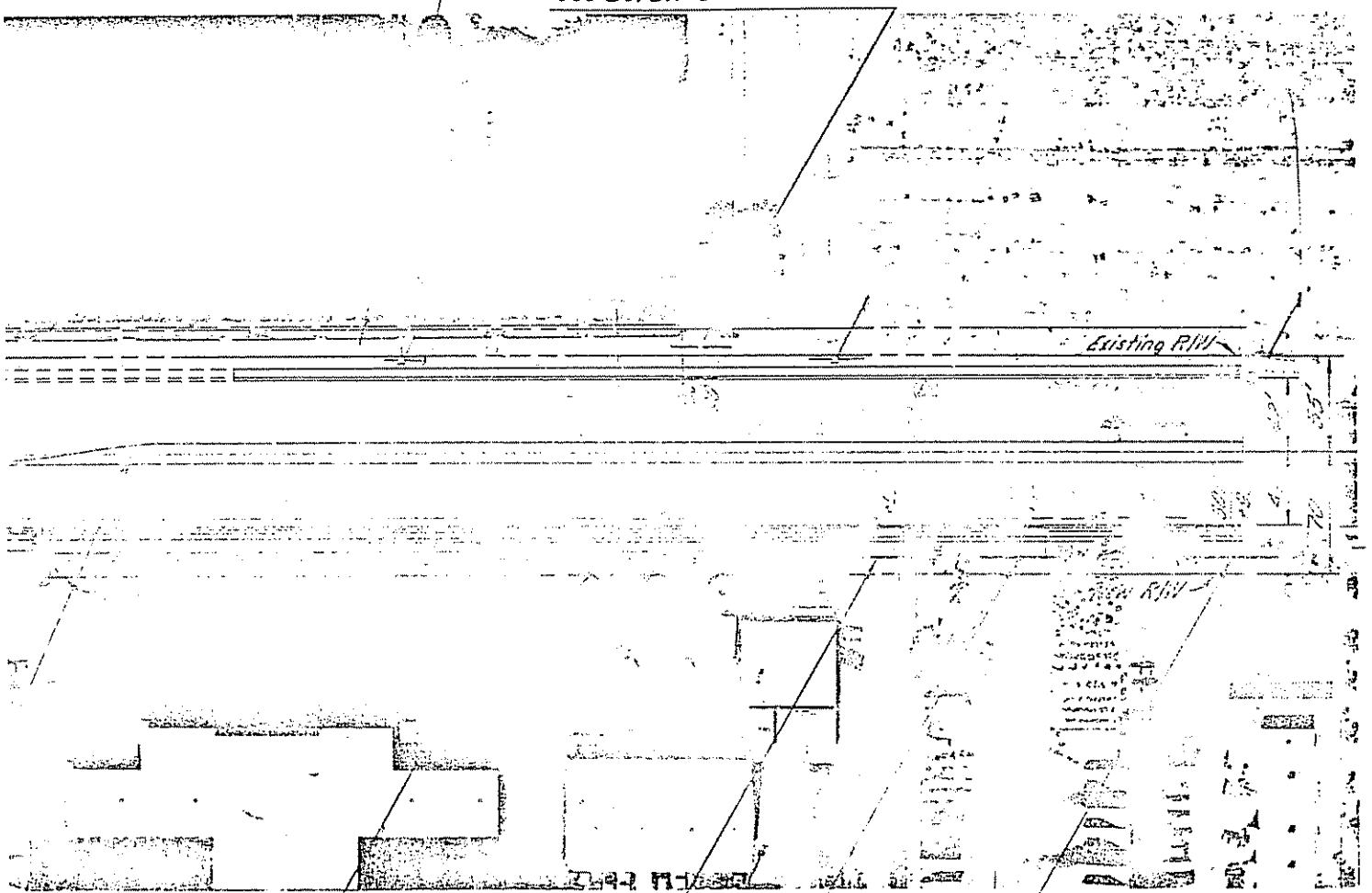
F.H.W.A. REG. NO.	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ.	F045-1(4)	9	35	

Z

Lt Sts 67+65 to 71+72
Hold Outside Edge of
Retention Basin of 64'

Gutter & Sidewalk
place using
See Detail A
& Saw Cut
existing Irrigation Ditch
Remain

60' Lt Sts 71+90
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profile,
See Detail C



Lt Sts 70+94
12" x 54' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

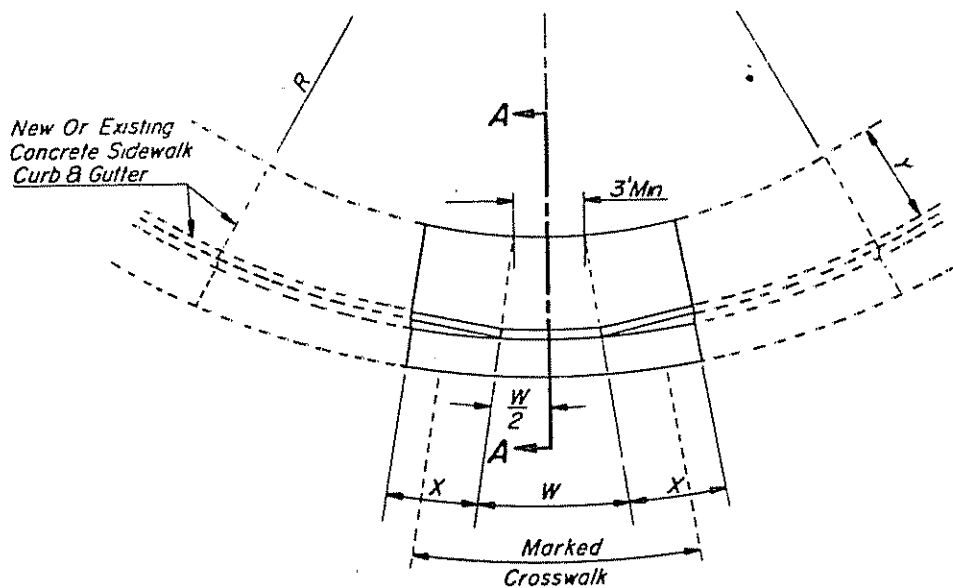
60' Rt Sts 74+93
New 12" x 42' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

60' Rt Sts 72+92
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

60' Rt Sts 73+72
New 12" x 44' Pipe Culvert
See New Pipe Summary Sheet
For Turnout Profiles,
See Detail C

- 920 Sq Yd. New 8" Dec. Conc. Median Paving.
- 5 Each Inlet, See Detail A
- 5595 Sq Ft New 5" Conc. Sidewalk, Std. C-05.20
- 715 Sq Ft New 6" Conc. Driveway, Std. C-05.20
- 1262 Lin Ft New Type A' Curb & Gutter
H = 7", Std. C-05.10
- 350 Sq Yd New AC Driveway

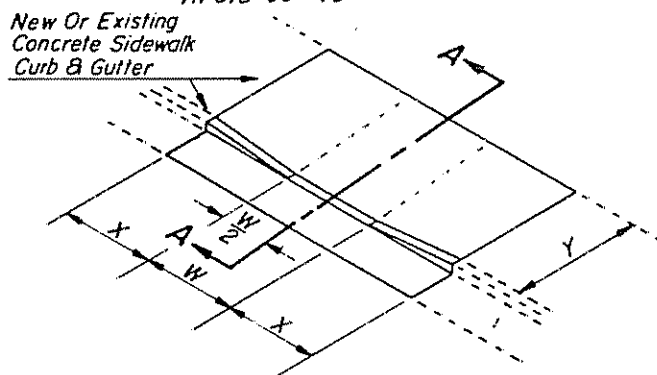
JCT. I-10 - MESA HWY
KNOX RD. - BASELINE RD. UNIT I
MARICOPA COUNTY



CORNER SECTION AND INTERSECTING CROSSWALKS

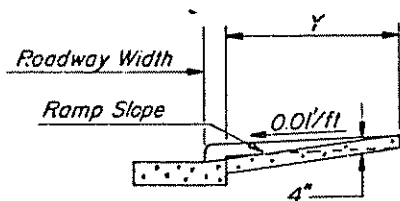
RAMP DETAIL TYPE 1

Rt Sta 92+13 Rt Sta 112+70
Lt Sta 93+02 Rt Sta 113+49
Rt Sta 93+15

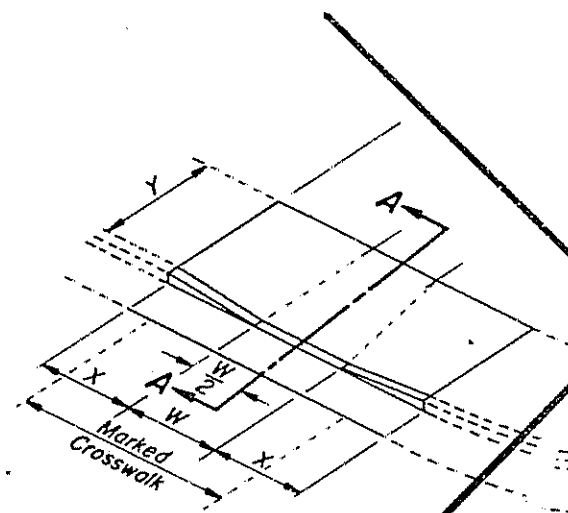


TANGENT SECTION OF CURB & GUTTER

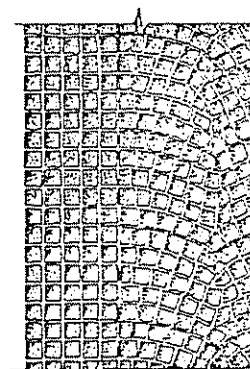
RAMP DETAIL TYPE 3



SECTION A-A



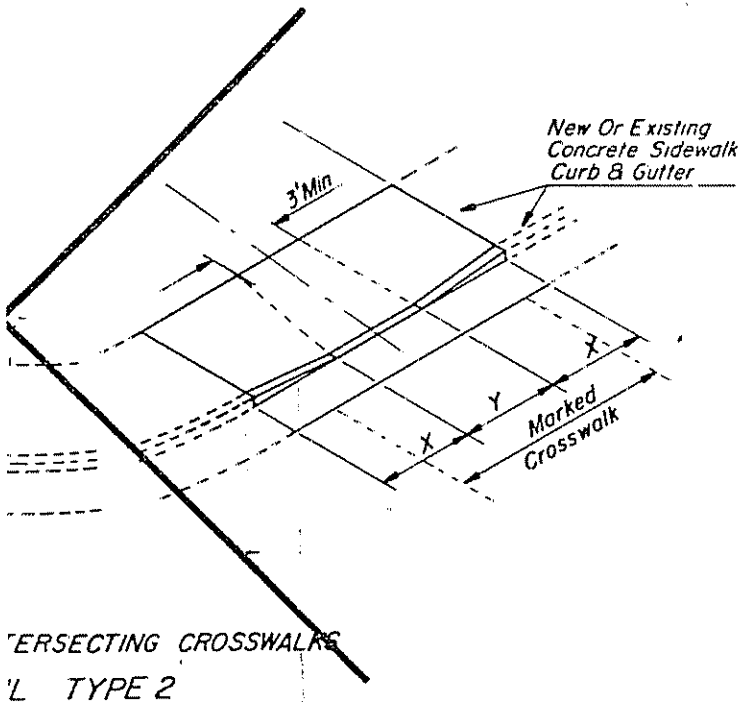
CORNER SECTION, NC
RAMP L



Stacked Bond Granite
Setts - Desert Tan. (Typ.)

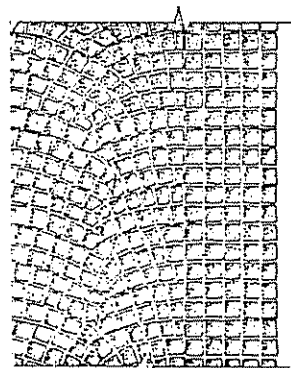
Fishscale
M.

DECORATIVE
PAVING

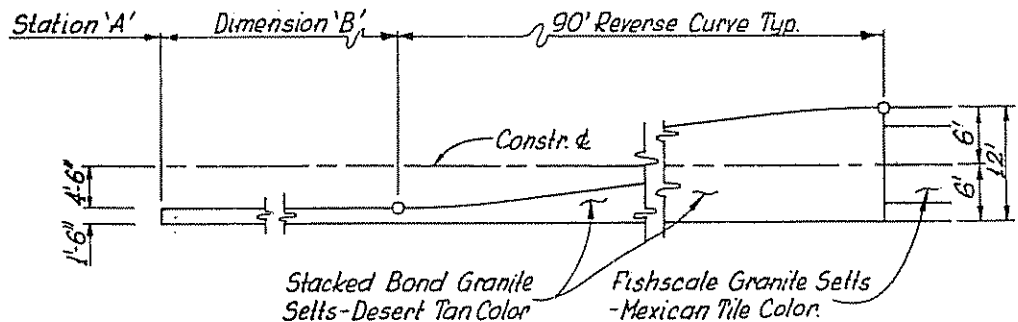


RAMP NOTES

1. The entire area within the access ramp including top of curb shall be a coarse broom finish.
2. Bottom of ramp shall be same elevation as gutter.
3. Slope ramp up from flow line at face of curb.
4. All ramps shall be class B concrete.
5. X and W are measured on back of curb.
6. Saw cut existing sidewalk, curb and gutter.
7. Ramp slope = 12:1 Maximum, 8:1 Minimum.
- R. Radius as per plans.
- W = 4'
- X = 4' Minimum or width of adjacent joints
- Y = New or existing width of sidewalk as per plans.



Concrete Median Detail



Station 'A'	Dimension 'B'	Traffic Direction.
66+83.00 *	100'	South bound.
91+95.00	250'	North bound.
93+15.00	250'	South bound.
144+72.90	250'	North bound.

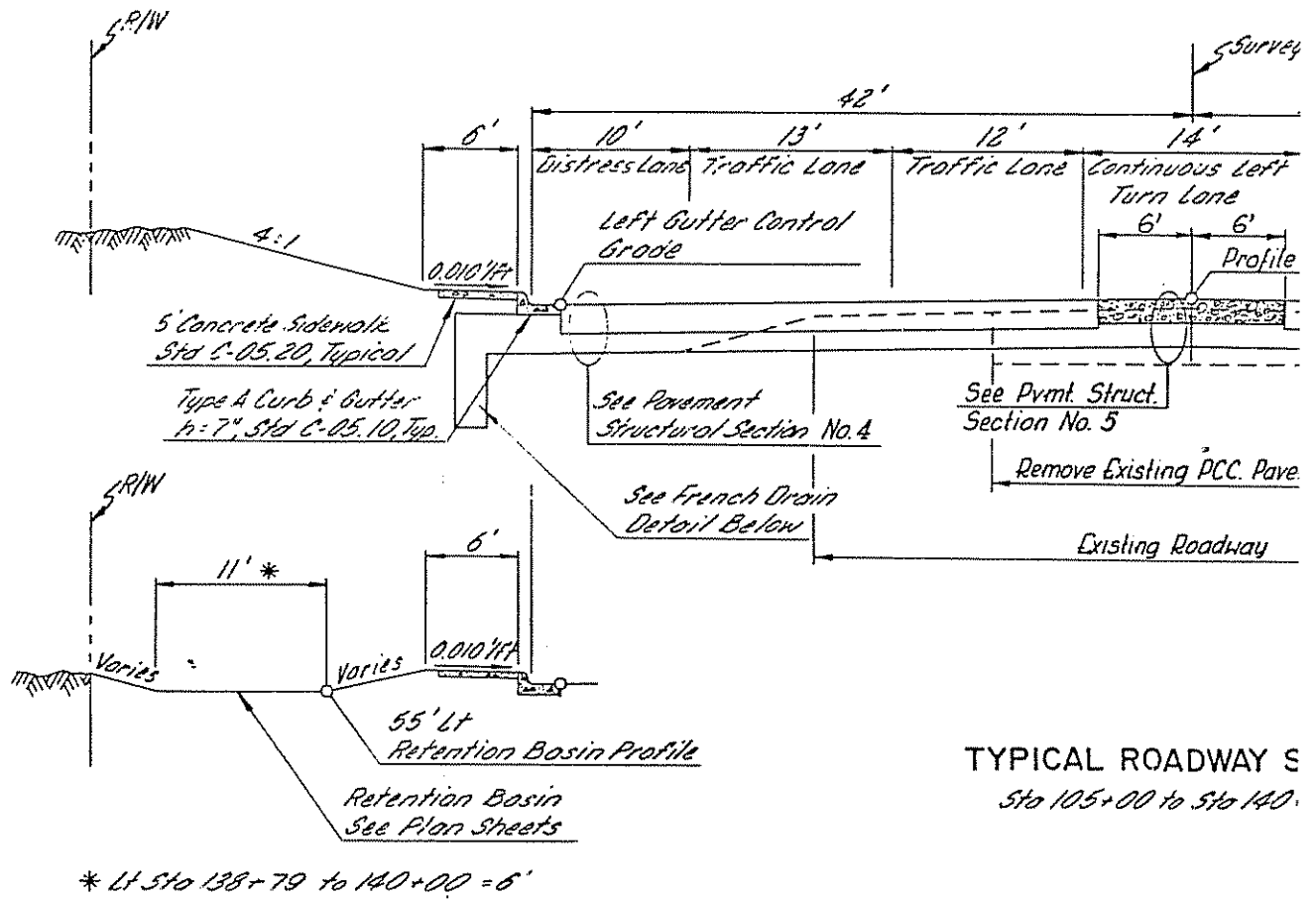
LEFT TURN BAY DETAIL

*Note: Sawcut and remove existing pavement to a depth of 15" and width of 18" between Sta. 66+83 and Sta. 67+00. Payment for this work is included under the item "Roadway Excavation."

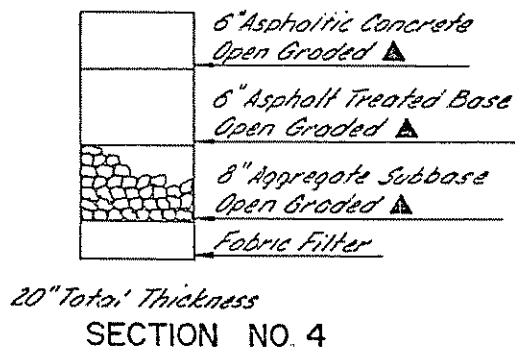
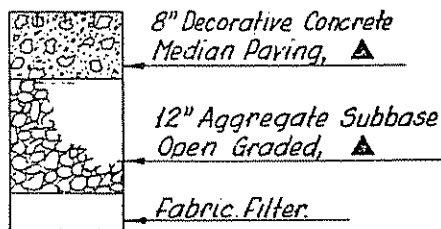
DETAIL

B

JCT. I-10 - MESA HWY.
KNOX RD. - BASELINE RD. UNIT I
MARICOPA COUNTY

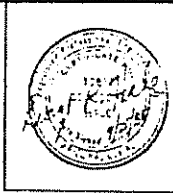


TYPICAL ROADWAY S
Sta 105+00 to Sta 140.



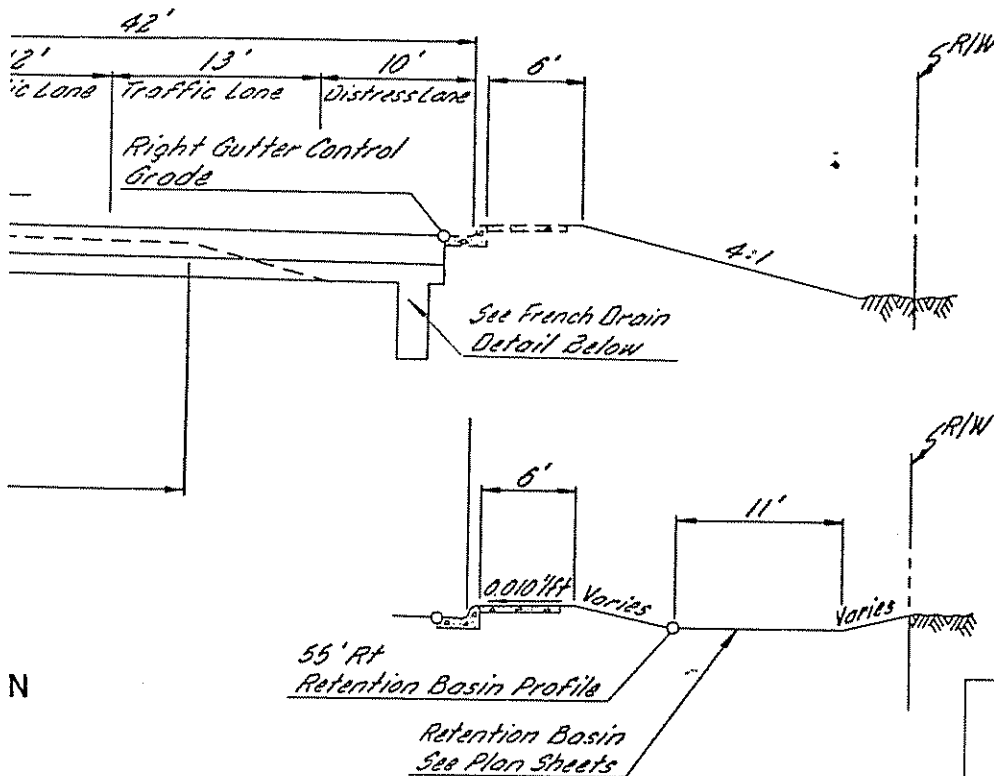
PAVEMENT STRUCTURAL SECTIONS

▲ NOTE:
See Special Provi



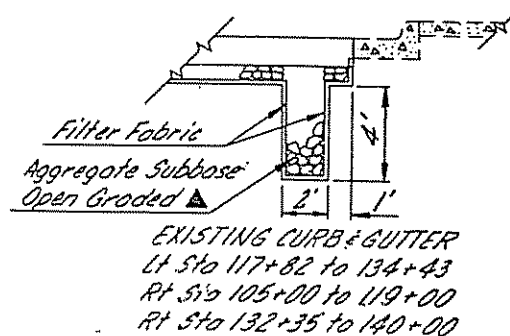
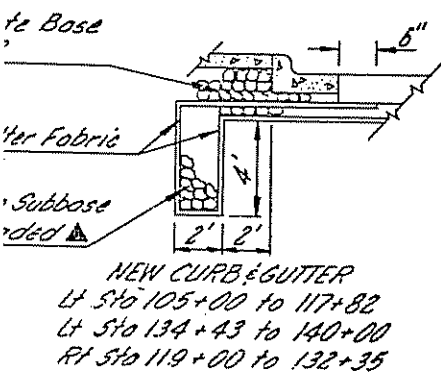
F.H.W.A. REGION	STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS	AS BUILT
9	ARIZ	F-045-114	3	35	

struction &



EARTHWORK QUANTITIES		
Roadway Exc.	43,318 CY	
Embankment *	2,176 CY	
Waste	40,903 CY	
Sta. to Sta.	Shrink	Gnd. Comp.
67+00 - 144+72.9	15%	0.30

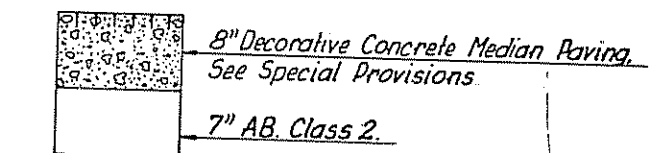
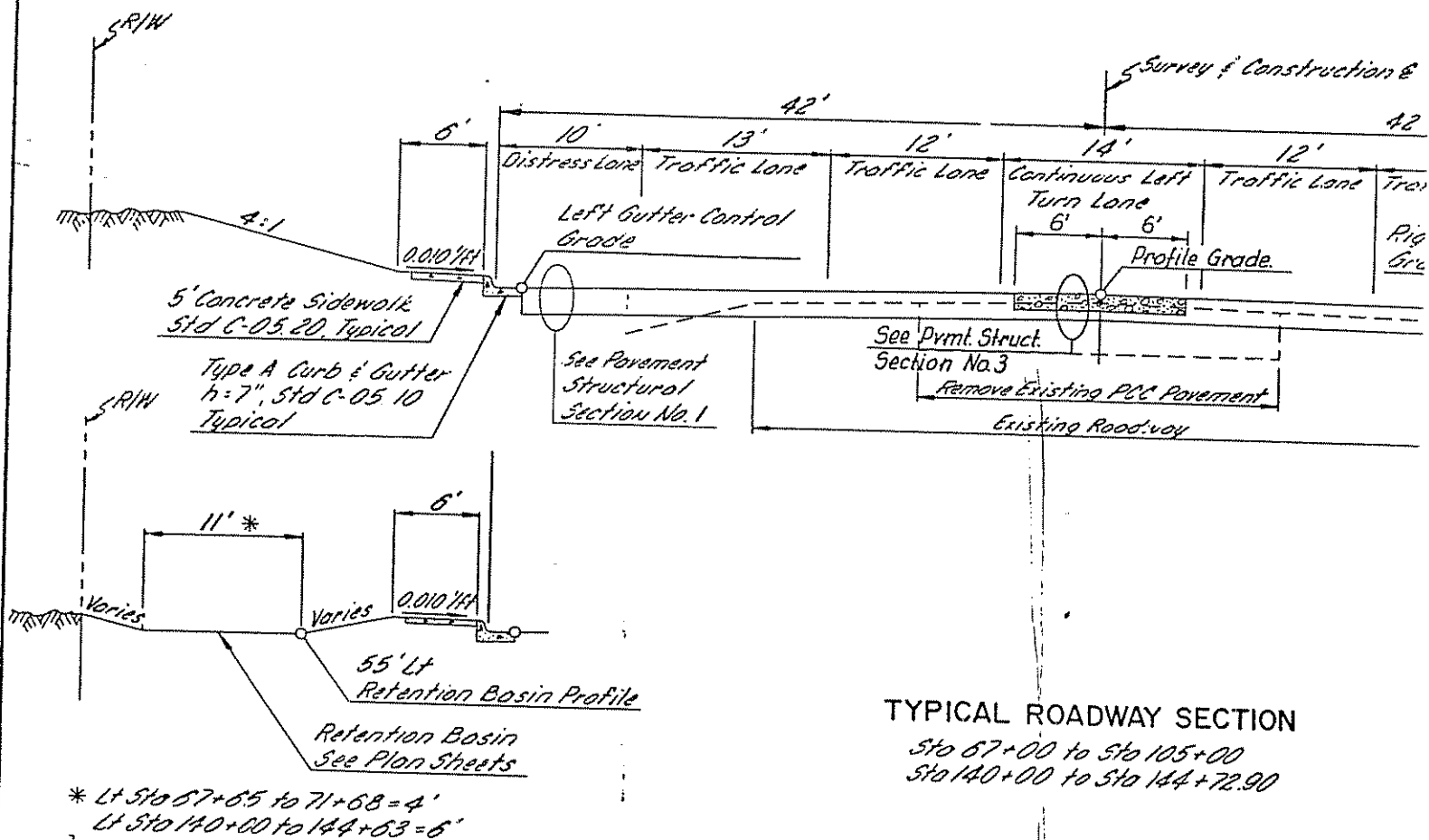
*Includes Gnd. Compaction.



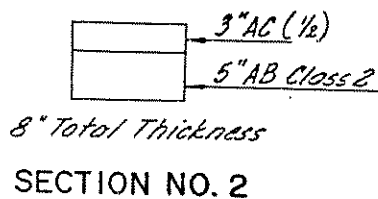
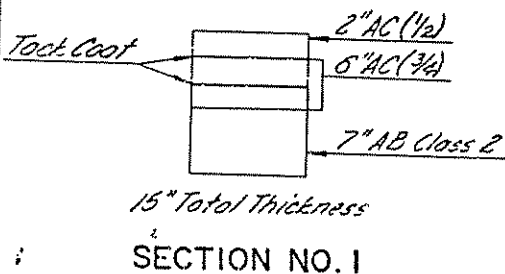
FRENCH DRAIN DETAILS

JCT. I-10 - MESA HWY.
KNOX RD. - BASELINE RD. UNIT I
MARICOPA COUNTY

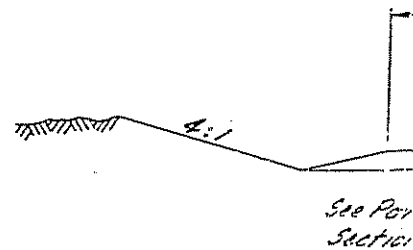
DESIGN D
1985 AWDT :
2005 AWDT :



SECTION NO. 3



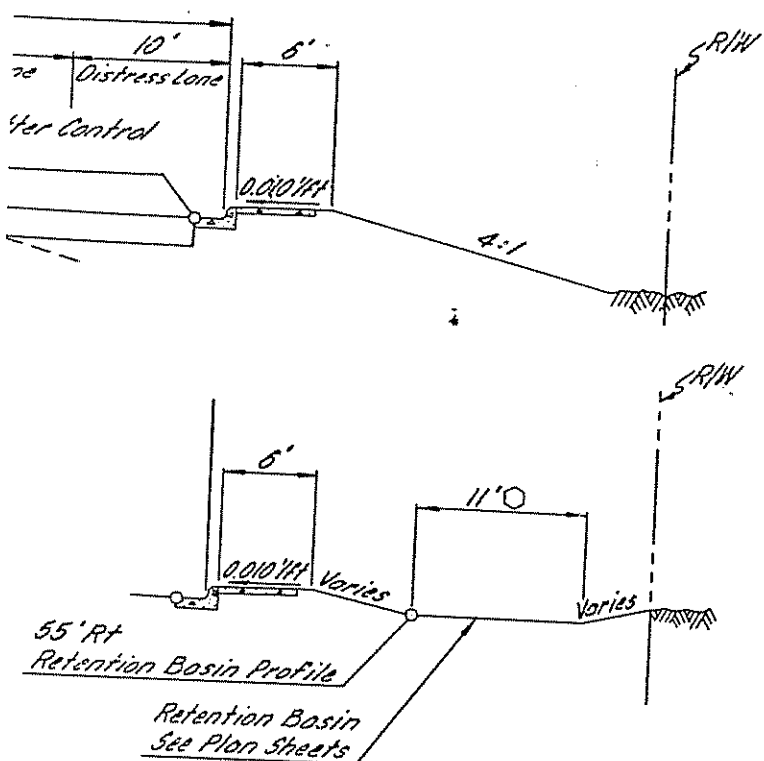
PAVEMENT STRUCTURAL SECTIONS



TO ACCOMPANY ADDENDUM No. 1



F.H.W.A. REGION	STATE	PROJECT NO.	SHEET TOTAL	NO. SHEETS	AS BUILT
9	ARIZ	F-045-1(4)	2	35	



LENGTH OF PROJECT

Sta 67+00 to Sta 144+72.90 = 7772.90'
 Net and Gross Length = 1.47 Miles
 Mile Post 168.27 to Mile Post 169.74

INDEX OF SHEETS

Sheet No.	Sheet Type
1	Face Sheet
2	Design Sheet
3	Typical Sheet
4-7	Special Detail Sheets
8	Pipe Summary Sheet
9-20	Plan & Profile Sheets
21	Earthwork Sheet
22-26	Traffic Sheets
27-35	S.R.P. Sheets

GENERAL NOTES

The roadway plans for this project have been designed utilizing the 1983 Construction Standard Drawings (C-Series) and current revisions.

The project roadway will be striped by Department forces in accordance with the current edition of the Pavement Marking Standards.

Right of Way encroachments shall be removed by order of the State, unless otherwise noted.

All Right of Way provisions shall be complied with before job acceptance.

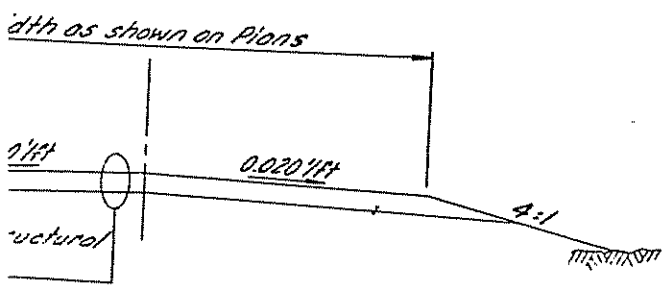
Right of Way Markers shall be furnished and placed by the contractor as directed by the Engineer. Std C-21.10.

For Right of Way information not shown see R/W project.

Bench Markers will be furnished by the State and placed by the contractor. Std. C-21.20

Any adjustment to driveways shall be approved by the Engineer and Highway Plans Services.

⊗ Inlet Location, See Detail A



AL TURNOUT SECTION